

Appendix G

Examples of Fact Sheets, Newsletters, and Press Releases

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U.S. Department of Energy Announces Public Scoping Meeting

DOE Initiates "Programmatic Environmental Impact Statement" on Scrap Metals Recycling - You Are Invited to Attend a Public Scoping Meeting and/or Submit Comments

The Department of Energy (DOE) announced its intent (attached) to prepare a Programmatic Environmental Impact Statement (PEIS) that will evaluate policy alternatives for the disposition of scrap metals that may have residual surface radioactivity (66 Federal Register 36562, July 12, 2001 - searchable on the Internet at the following address:

http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=2001_register&docid=01-17438-filed.pdf

In addition to the No Action Alternative (continue DOE's current suspension on unrestricted release for recycling of scrap metals from radiological areas), DOE has initially selected the following alternatives for evaluation: (1) unrestricted release for recycling of scrap metals under requirements in DOE Order 5400.5, (2) unrestricted release for recycling of scrap metals under alternative standards, and (3) no unrestricted release for recycling of scrap metals with potential for residual surface radioactivity.

The public is invited to comment on the scope of this PEIS, including the alternatives and significant environmental issues. Comments may be submitted in writing, through September 10, 2001, or at any of the public scoping meetings listed. An additional opportunity for public comment will be provided when the Draft PEIS is issued. Requests for further information should be submitted to addresses below.

Mail to:

Mr. Kenneth G. Picha, Jr.
Office of Technical Program Integration, EM-22
ATTN: Metals Disposition PEIS
Office of Environmental Management
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, D.C. 20585-0113

Email to:

Metals.Disposition.PEIS@em.doe.gov

Fax to:

Metals Disposition PEIS at
301-903-9770

Schedule of Public Scoping Meetings

| <u>Date</u> | <u>Time</u> | <u>Location</u> | <u>Address</u> |
|-------------|------------------|-------------------|---|
| July 31 | 2-5pm and 8-11pm | North Augusta, SC | N. Augusta Community Ctr. 495 Brookside Ave., North Augusta, SC 29841 |
| Aug 2 | 2-5pm and 8-11pm | Oak Ridge, TN | American Museum of Science and Energy 300 South Tulane Ave., Oak Ridge, TN 37830 |
| Aug 7 | 2-5pm and 8-11pm | Oakland, CA | Holiday Inn Oakland Airport Hotel 500 Hegenberger Road, Oakland, CA 94621 |
| Aug 9 | 2-5pm and 8-11pm | Richland, WA | Red Lion Hotel 802 George Washington Way, Richland, WA 99352 |
| Aug 14 | 2-5pm and 8-11pm | Cincinnati, OH | Omni Netherland Plaza Hotel 35 West Fifth St., Cincinnati, OH 45202 |
| Aug 16 | 2-5pm and 8-11pm | Washington, D.C. | Hilton Crystal City 2399 Jefferson Davis Highway, Arlington, VA 22202 |



Department of Energy

Spallation Neutron Source



March, 1999

The U.S. Department of Energy (DOE) is preparing the Final Environmental Impact Statement (FEIS) for construction and operation of the Spallation Neutron Source (SNS). This FEIS will be released to the public during the Spring of 1999.

In the past, you have expressed interest in DOE projects and programs and may be interested in the information contained in this document.

Please indicate your level of interest by checking the appropriate box below, verifying your name and address, folding and taping this form as indicated, and mailing it to the addressee. **(Please return this form by March 12, 1999. An Executive Summary will be sent to you if no response is received.)**

☐ Please send me a copy of the full SNS FEIS (1300-1400 pages)

☐ Please send me a copy of only the summary section of the SNS FEIS (10-20 pages)

☐ Do not send me information about the SNS FEIS

Access to the full text of the SNS FEIS can also be obtained on the internet at <http://tis.eh.doe.gov/nepa/docs/eis0247d/eis0247.html>

Background Information

The proposed SNS facility would produce subatomic particles called neutrons to be used in research. The research would be in the fields of physical and biological sciences, material technology, and medicine. Neutrons can penetrate deeply into the molecules of test materials to give scientists new insights into the structure and properties of materials.

The United States pioneered the use of neutrons in research, but in the last two decades has fallen behind the European scientific community. Existing U.S. facilities were built decades ago and have had little upgrading and modernization. The SNS would give the U.S. a state-of-the-art research facility that would be used by government, industry, and academia alike.

The SNS Environmental Impact Statement (EIS) is being prepared in accordance with the National Environmental Policy Act. This legislation ensures that Federal decision-makers consider the effects of proposed actions on the human environment and open their decision-making process to public scrutiny.

The EIS evaluates four alternative locations for the SNS. DOE's preferred alternative is to construct the SNS at Oak Ridge National Laboratory in Oak Ridge, Tennessee. The other alternative locations are: Argonne National Laboratory in Argonne, Illinois; Los Alamos National Laboratory in Los Alamos, New Mexico; and Brookhaven National Laboratory in Upton, New York.

This EIS:

- Explains the purpose and need for the SNS.
- Describes the proposed construction and operation of the SNS and the reasonable alternative courses of action that DOE could take to meet the need.
- Describes what would happen if the proposed SNS were not constructed - the "no-action" alternative
- Describes what aspects of the human environment would be affected if the proposed SNS were constructed.
- Analyzes the changes or impacts to the environment that would be expected to take place if the SNS is constructed at one of the alternative sites, compared to the expected condition of the environment if no action were taken.
- Incorporates public comments provided on the Draft EIS.



FOR IMMEDIATE RELEASE
December 21, 1998

NEWS MEDIA CONTACT:
Jeff Sherwood, 202/586-5806

Spallation Neutron Source Draft Environmental Impact Statement Issued for Public Comment

The Department of Energy has issued a draft Environmental Impact Statement (EIS) for the construction and operation of the proposed Spallation Neutron Source, an accelerator-based neutron scattering facility that would support research in broad areas of physical, chemical, materials, biological and medical sciences. When completed in 2005, the facility would provide the U.S. scientific community with a neutron source having greater intensity, power and instrumentation than existing neutron sources.

The Spallation Neutron Source is being designed by a collaboration of five Energy Department laboratories led by Oak Ridge National Laboratory. The other four partners are Argonne National Laboratory, Brookhaven National Laboratory, Lawrence Berkeley National Laboratory and Los Alamos National Laboratory. The facility is expected to serve 1,000 2,000 scientists annually from universities, private industry and federal laboratories. The national facility would augment the research capabilities of current reactor-based neutron sources, help satisfy current and future demand for research neutrons and lead to scientific and technological discoveries.

The facility would consist of an ion source, a linear accelerator, a proton accumulator ring and a research facility containing a liquid mercury target that will produce the neutron beams and a suite of neutron scattering instrumentation. It would initially operate at a beam power of 1 megawatt, with the potential for being upgraded in the future to 4 megawatts with a second accumulator ring and target. Congress appropriated \$130 million for the project in fiscal year 1999 to continue research and development and to begin preliminary design and longlead procurements.

The knowledge from neutron scattering research has wide applications. For example, chemical companies use neutron scattering research to make better fibers, plastics and catalysts; drug companies use neutrons to design drugs with higher potency and fewer side effects; and automobile manufacturers use the penetrating power of neutrons to understand better how to cast and forge gears and brake discs. Research on magnetism using neutrons has led to higher strength magnets for more efficient electric generators and motors and to better magnetic materials for magnetic recording tapes and computer hard drives.

The draft EIS analyzes the potential environmental impacts from the proposed action (to

build and operate the Spallation Neutron Source at 1 megawatt, and then at 4 megawatts) and the no-action alternative of not building the facility. The draft EIS evaluates four alternative sites:

Oak Ridge National Laboratory in Tennessee (the preferred alternative), Argonne National Laboratory in Illinois, Brookhaven National Laboratory in New York and Los Alamos National Laboratory in New Mexico.

The draft EIS will be accessible via the department's National Environmental Policy Act Web Site at <http://tis.eh.doe.gov/nepa/>. General information on the project can be found at <http://www.ornl.gov/sns/>. Copies of the draft EIS can also be obtained from Mr. David Wilfert, SNS EIS Manager, U.S. Department of Energy, Oak Ridge Operations Office, 200 Administration Road, 146/SNS, Oak Ridge, TN 37831.

The department encourages all interested parties to provide comments on the draft EIS. Comments on the draft EIS may be submitted to Mr. Wilfert by mail at the above address, electronic mail (NSNSEIS@ornl.gov), telephone (8009279964), facsimile (4235764542) or at public meetings to be held at the four alternative sites. The department will consider all comments received or postmarked by February 8, 1999, in preparing the final EIS. Comments received after February 8 will be considered to the extent practicable.

Two public meetings, at 2 p.m. and 7 p.m., will be held at each location:

| Date | Location |
|------------------|--|
| January 19, 1999 | Department of Energy Los Alamos Area Office Main Conference Room (Rm. 100) 528 35th Street Los Alamos, NM |
| January 21, 1999 | Brookhaven National Laboratory Berkner Hall (Bldg. 488) Brookhaven Avenue Upton, NY |
| January 25, 1999 | Argonne National Laboratory Building 401 Advanced Photon Source, Rm. A1100 9700 South Cass Avenue Argonne, IL |
| January 28, 1999 | American Museum of Science and Energy 300 South Tulane Avenue Oak Ridge, TN |

(NOTE: The Oak Ridge date is a change from a previously publicized date.)

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